

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-3. (Canceled)

4. (Currently Amended) An optical device, comprising:

_____ a plurality of optical modulators that respectively modulate each of a plurality of color lights in accordance with image information;

_____ a color-combining optical system having a plurality of light-incident sides opposing to the optical modulators, the color-combining optical system combining the color lights modulated by the optical modulators;

_____ a plurality of optical converters respectively disposed between the optical modulators and the plurality of light-incident sides; and

_____ a cooling device that blows a cooling air to an object to be cooled, the cooling device including a fan body having a vane supported by a rotary shaft of a rotary drive source and a chassis that houses the fan body, the chassis being made of a heat-conductive material and having a heat radiator that radiates the heat generated on the object to be cooled to an outside by heat-conduction, the heat radiator having a trapezoidal cross section along an air-blowing direction of the cooling device, the heat radiator abutting the chassis with a longer side of parallel sides of the trapezoidal cross section,

~~wherein~~ a heat-conductive plate that opposes to the light-irradiation side and conducts the heat generated on the optical modulator and/or the optical converter ~~is being~~ provided on the light-incident side of the color-combining optical system,

_____ ~~wherein~~ the heat-conductive plate ~~is being~~ abutted to the heat-radiator of the chassis of the cooling device.

5. (Currently Amended) The optical device according to claim 4,
_____ ~~wherein~~ the chassis ~~is~~being made of metal.
6. (Currently Amended) The optical device according to claim 4,
_____ ~~wherein~~ a contact surface to be in contact with the object to be cooled ~~is~~being
formed on the chassis.
7. (Currently Amended) The optical device according to claim 4,
_____ ~~wherein~~ the heat-conductive plate ~~is~~being made of sapphire glass or quartz
crystal.
8. (Currently Amended) The optical device according to claim 4,
_____ ~~wherein~~ a base that supports the color-combining optical system ~~is~~being
formed on the chassis of the cooling device at a position corresponding to the rotary shaft of
the rotary drive source.
9. (Currently Amended) The optical device according to claim 8,
_____ ~~wherein~~ a bulging portion that adjusts the attitude of the color-combining
optical system relative to the chassis ~~is~~being formed on a surface of the base on which the
color-combining optical system is supported.
10. (Currently Amended) The optical device according to claim 4,
_____ ~~wherein~~ the chassis ~~has~~having a projection lens attachment that extends in an
air-blow direction of the cooling device on which a projection lens that enlarges and projects
the light beam irradiated by the color-combining optical system is attached.
11. (Currently Amended) A projector, comprising:
_____ a light source;
_____ an optical modulator that modulates a light beam irradiated by the light source
in accordance with image information to form an optical image;

_____ a projection optical system that enlarges and projects the optical image formed by the optical modulator; and

a cooling device that blows a cooling air to a heated object to be cooled, the cooling device including a fan body that has a vane supported by a rotary shaft of a rotary drive source and a chassis that houses the fan body, ~~wherein~~ the chassis ~~is~~being made of a heat-conductive material and ~~has~~having a heat radiator that radiates a heat generated on the object to be cooled to an outside by heat conduction, the heat radiator having a trapezoidal cross section along an air-blowing direction of the cooling device, the heat radiator abutting the chassis with a longer side of parallel sides of the trapezoidal cross section.

12. (Currently Amended) The projector according to claim 11,

~~_____ wherein~~ the chassis ~~is~~being made of metal.

13. (Currently Amended) The projector according to claim 11,

~~_____ wherein~~ a contact surface to be in contact with the object to be cooled ~~is~~being formed on the chassis.

14. (Currently Amended) The projector according to claim 11, further comprising:

an exterior casing that houses an optical system including the light source and the optical modulator,

~~_____ wherein~~ an intake opening that draws in an outside air ~~is~~being formed on the exterior casing,

~~_____ wherein~~ the cooling device ~~is~~being located remote from the intake opening, and

~~wherein~~ a sirocco fan that draws in an air by a rotation thereof and ~~discharges~~discharges the air in a rotary tangential direction thereof to guide the air toward the cooling device ~~is~~being provided on the intake opening.